
0600Bi--Brooks-McCall Cruise 10 JUL 4-8 2010

****DATA SOURCE****
Data were compiled from surveys conducted in the Gulf of Mexico.

****DATA COLLECTION PURPOSE****
Natural Resource Damage Assessment

****DATA USE QUALIFICATION****
These data are a subset of samples collected on Brooks-McCall Cruise 10.

Values for concentration and detection limit should be interpreted to 3 significant figures.
Values for reporting limits should be interpreted to 1 significant figure.

****STUDY****
The data include water chemistry data.

****STATION****
StationIDs are based on a substring of codes provided in the sampling information from the field.
Datum for the coordinates was listed as WGS84.

****SAMPLES AND REPLICATES****
The collection depth of water samples in the fields UDepth and LDepth are reported in meters.

The original SampleIDs reported by the lab from the Chain-of-Custody is stored in the ExSampID field in the SmpWat.dbf table. The original SampleID reported by field staff is stored in FldSampID in the SmpWat.dbf table.

Samples were assigned to each unique location and depth, and field duplicates were coded with a "D" in the SampleID and with a SampType of "FDUP." Subsequent field duplicates (splits) then have a sequential numbering "D2, D3, etc.

The labrep field was coded with "1A" to indicate that the results were from Alpha lab. Lab duplicates (second analysis of same sample for same analytical method) were assigned labrep "2A". Lab duplicates were identified as those samples with a "D" suffix on the labID.

The results from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX"). The following chemcode/analytes were measured using two methods:

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M
NAPTHALENE/ Naphthalene
The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Methods:

Alkylated Polynuclear Aromatic Hydrocarbons | 8270M
PIANO Volatile Hydrocarbons by GC/MS | 8260M
Total Saturated Hydrocarbons by GC/FID | 8015M

****SUMMED PARAMETERS****
No sums were calculated.

****QUALIFIERS****
Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation. If no validation was completed, the qualifers are those assigned by the lab. Descriptions of the data qualifiers are included in the data dictionary. "F" (found) qualifiers were added by the data validators, where the lab reported concentration was below the method detection limit (see DL field).

****OTHER****
The original analyte in Alpha lab EDDs reported as Benzo(k)fluoranthene was identifed by the data validators to be a coelution of Benzo(k)fluoranthene and Benzo(j)fluoranthene. Therefore, the chemical data for the original Benzo(k)fluoranthene results have been assigned a chemical code for Benzo(j+k)fluoranthene.

The original analyte in Alpha lab EDDs reported as "Total Petroleum Hydrocarbons (C9-C44)" was proposed to need further distinction based on information acquired from the data validators. The analyte was not subjected to silica gel cleanup; thus, it was suggested that the results represented "Total Extractable Matter (C9-C44)". This is the chemical code/chemical name used to report these original total petroleum hydrocarbon results in the final chemistry tables.